



## PRODUCT INFORMATION & DATA SHEET

# PRINCE® MAXX SCOOTER GOLD 4T 5W-40 MB

High-Performance Fully Synthetic 4T Motor Oil for Modern Scooter.

MAXX SCOOTER GOLD 4T SAE 5W-40 MB is a fully synthetic low-friction motor oil that has been engineered to offer unsurpassed wear protection and performance to latest generation, state-of-the-art four-stroke scooters that required a SAE 5W-40 JASO MB specified lubricant.

Lubricants with JASO MB specification provides real energy conserving and friction reduction in comparison to JASO MA fluids. This product compliances to JASO MB performance standard that guaranteed optimum fuel economy and mechanical efficiency in all scooters. It contains excellent friction modifier to reduce friction at start-up especially during cold-start and facilitate smoother engine acceleration at each throttle input, as well as reduce vibration and noise, ensures a more enjoyable riding experience.

The lubricant has been tested to ensures optimal level of oxidation stability and low volatility, minimizes oil degradation and evaporation loss, thence able to maintain desire oil pressure level to improve engine durability. High safety reserve even under minimal lubricating boundaries particularly even surpass given oil change interval.

This motor oil meets the performance standards of following international specifications:

API SN, JASO MB

Some of the benefits of using this motor oil:

- A top-tier scooter motor oil that meets the performance requirement of JASO MB, designed for elevated fuel economy and emission control
- Excellent friction modifier additive designed to dampen vibration and minimize noise, offer precise gear and clutch engagement.
- Low volatility characteristic ensures minimum oil consumption, it is able to maintain desire oil pressure level and increase engine durability.
- Reliable cold-start performance, delivers maximum engine and clutches protection in large temperature fluctuation.
- Outstanding oxidation stability guarantees minimum additive depletion and oil deterioration, guarantees high lubricating safety reserve.
- Optimum anti-sludge and dispersant additives help eliminates sludge and carbon deposits build-up, maintain engine cleanliness and retain power.
- Prevent engine wear formation on crucial components, including the valve train to extend engine service life.
- Stable viscosity index with outstanding shear stability, able to maintain lubricating film strength especially at high operating temperature.

## Areas of application

Particularly suitable for use in latest generation powerful or regular four-stroke scooters powered by gasoline fuels, where the manufacturer recommended using a motor oil with SAE 5W-40 viscosity with JASO MB specification.

JASO MB fluid is designed to use on dry-clutch scooters. Recommended also for application in motorcycles with a automatic transmission system.

This product features superb all-condition compatibility that include urban ride with frequent 'start-stop' and acceleration as well as increase load on long journey with minimum engine cooling.

## Typical properties

<u>SAE Viscosity</u>		<u>5W-40</u>
Viscosity Index (VI)	ASTM D2270	165
Viscosity at 100 °C; mm <sup>2</sup> /s	ASTM D445	14.2
Viscosity at 40 °C; mm <sup>2</sup> /s	ASTM D445	80.3
Density at 20 °C; kg/m <sup>3</sup>	ASTM D4052	856.0
CCS Viscosity at -30 °C, mPa*s	ASTM D5293	5500
Flash Point; °C	ASTM D92	230
Pour Point; °C	ASTM D97	-34
Total Base Number	ASTM D2896	7.6

## Service recommendations

Follow the service interval and operating instructions of manufacturers. Observe the owner's manual. Recommend to flush before add in new oil.

## Commercially available product compatibility

Our fully synthetic motor oil is compatible with other fully synthetic, synthetic and/or conventional motor oils. Peak performance is guaranteed only upon using alone without mixing with other motor oils. Our motor oil products are designed and developed with appropriate additive package. Hence, aftermarket oil additive products are not recommended for used alongside.

## Product availability

This product may not be available locally. Contact your local distributor.

The information show herein is subject to change without noticed. The product indicated here have been developed by PRINCE LUBRICANTS for use in the areas of applications shown. We reserve all right to alter the characteristics and product properties to align with continually technical development.